

FIG. 1

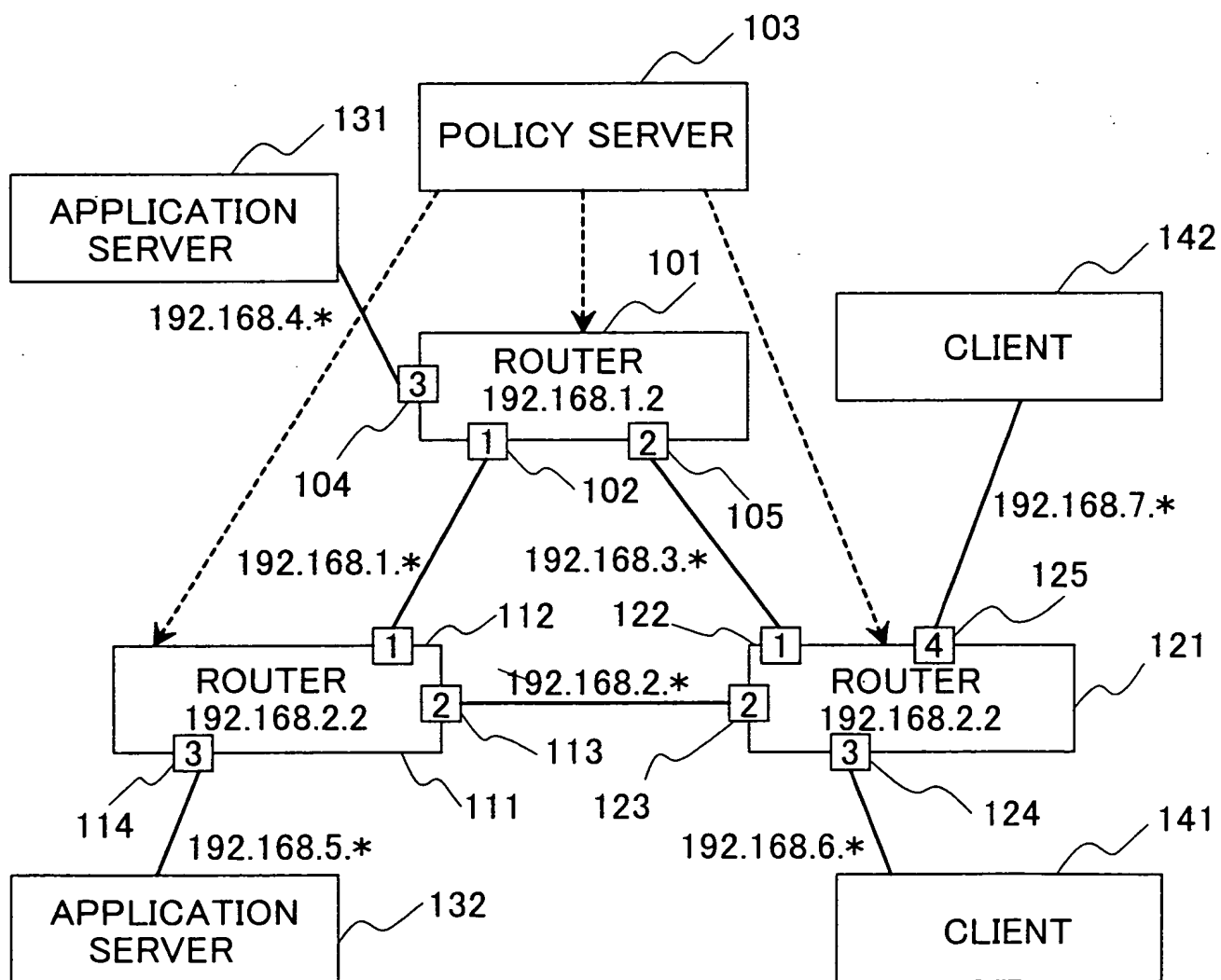


FIG. 2

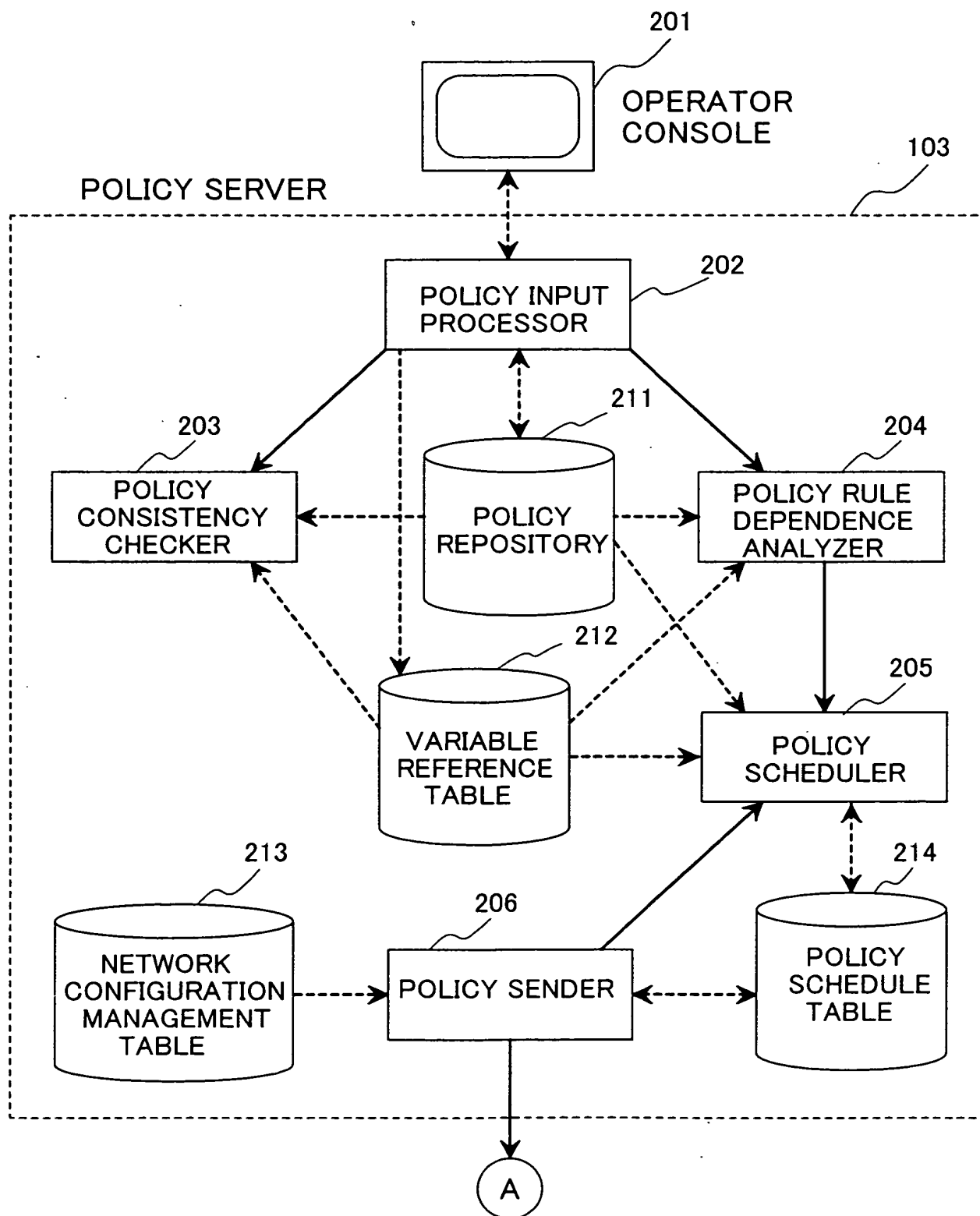


FIG. 4A

401
↓

RULE ID	RULE TYPE	CONDITION	ACTION	
#1	CLASSIFICATION	→ (A)	1	← 402
#2	POLICING	→ (B)	2	← 403
#3	QOSACTION	1	→ (C)	← 404
#4	QOSACTION	2	→ (D)	← 405
#5	SCHEDULING	3	→ (E)	← 406

↑ ↑ ↑ ↑

411 412 413 414

FIG. 4B

(A) →	PROTOCOL	TCP	← 421
	SOURCEIPMIN	192.168.4.1	← 422
	SOURCEIPMAX	192.468.4.1	← 423
	SOURCEPORT	NULL	← 424
	DESTINATIONIPMIN	NULL	← 425
	DESTINATIONIPMA	NULL	← 426
	X		
	DESTINATIONPORT	NULL	← 427
	DSCP	NULL	← 428
(B) →	LABEL	1	← 431
	COMMITTEDRATE	1000	← 432
	BURSTRATE	NULL	← 433
(C) →	DSCP	46	← 441
	DISCARDALGORITHM	WRED	← 442
	DISCARDRATE	300	← 443
	THRESHOLDUNIT	PACKETS	← 444
	MINTHRESHOLD	50	← 445
	MAXTHRESHOLD	100	← 446
	LABELING	3	← 447
(D) →	DSCP	255	← 451
	DISCARDALGORITHM	DROPALL	← 452
	DISCARDRATE	NULL	← 453
	THRESHOLDUNIT	NULL	← 454
	MINTHRESHOLD	NULL	← 455
	MAXTHRESHOLD	NULL	← 456
	LABELING	NULL	← 457
(E) →	MINRATE	1000	← 461
	MAXRATE	2000	← 462
	PARENT	PRIORITYSHEDL	← 463

FIG. 5

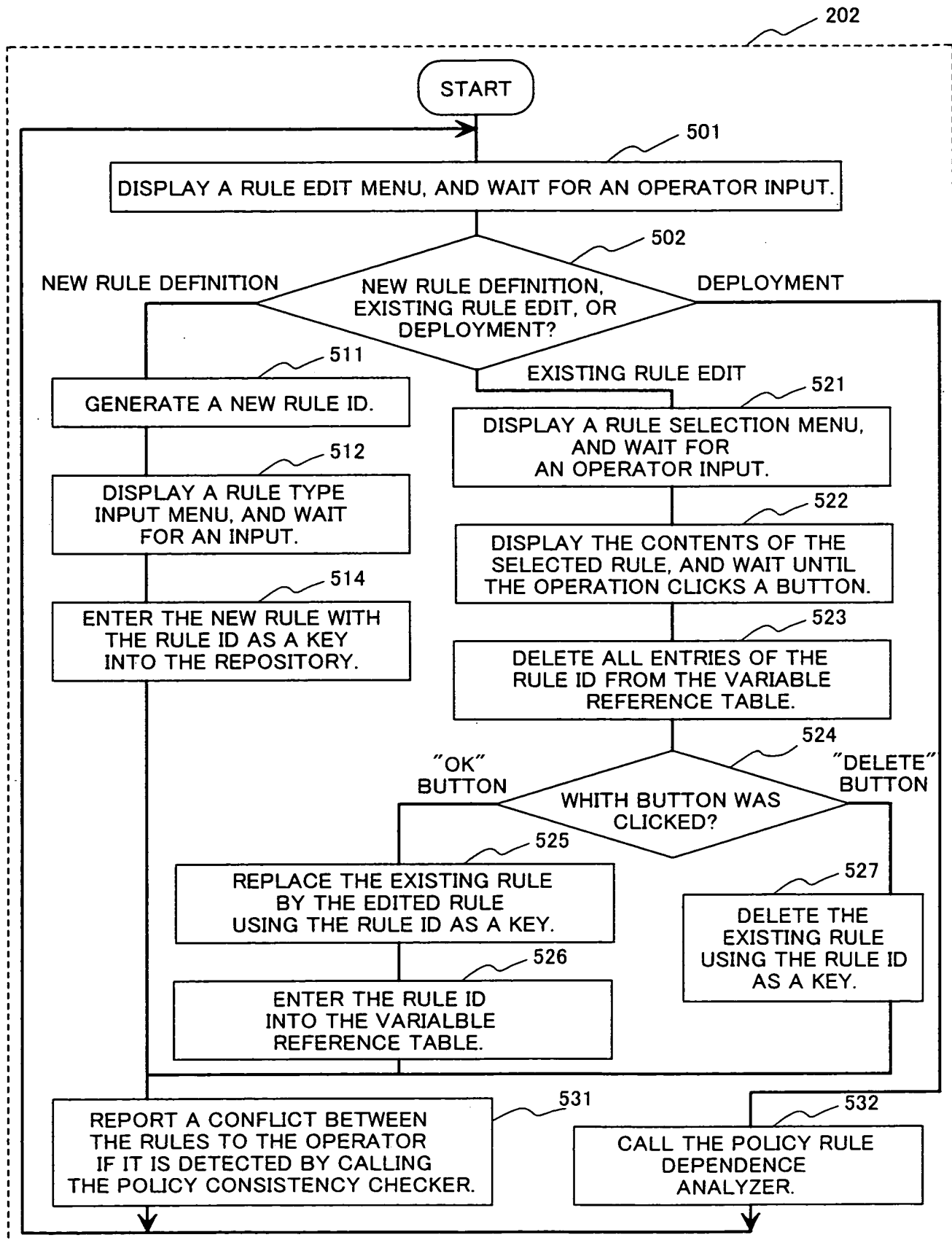


FIG. 6

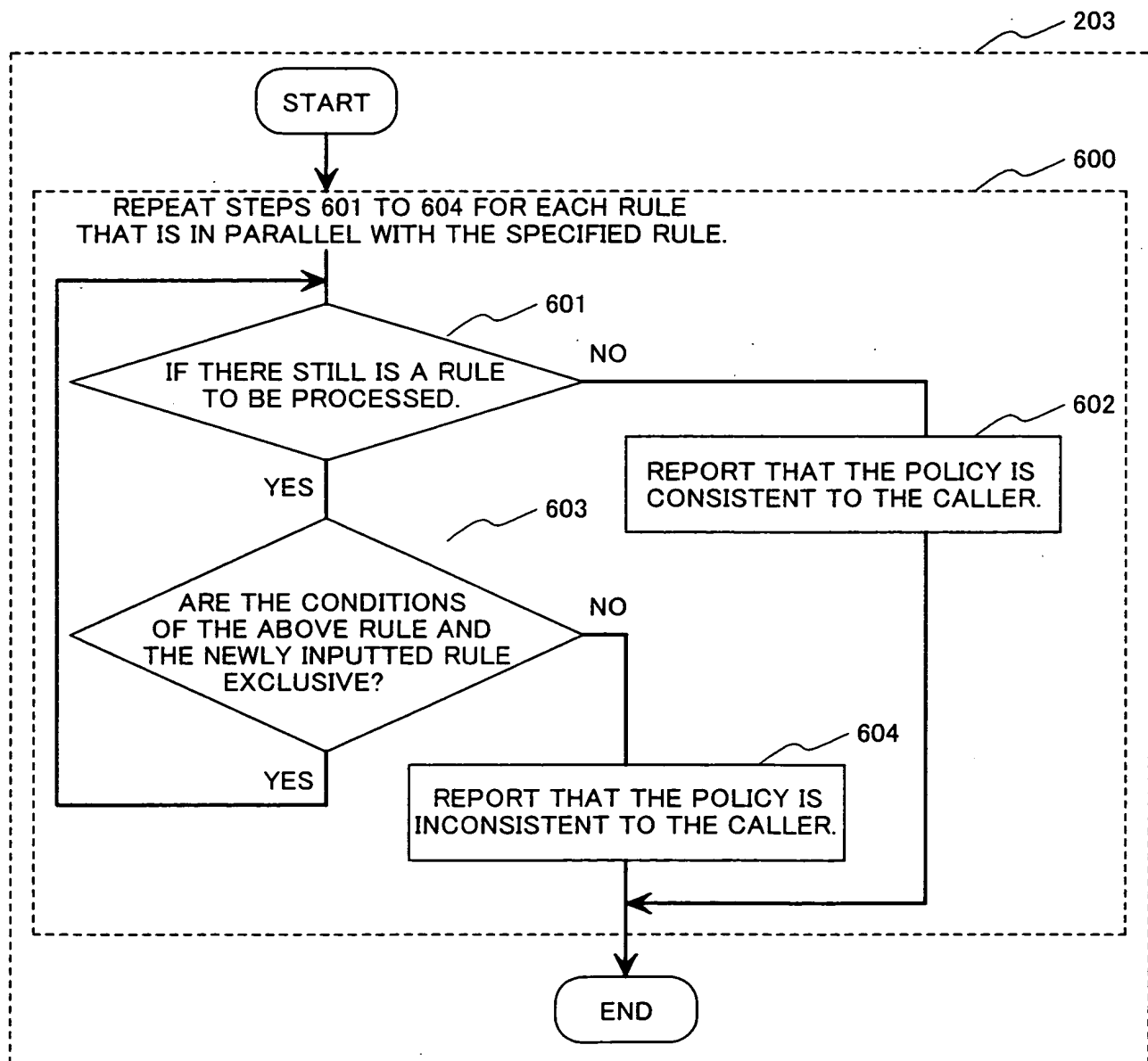


FIG. 8

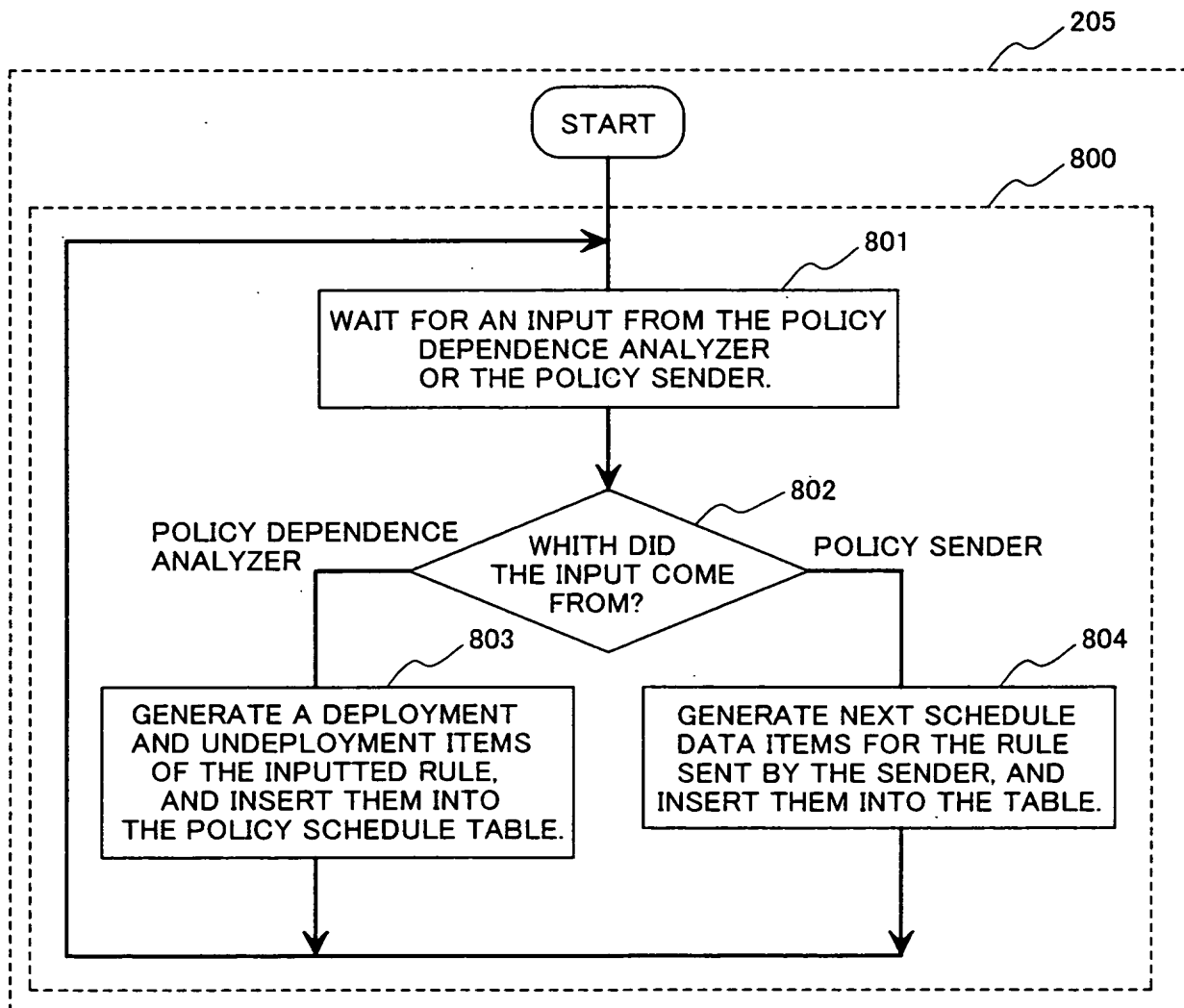


FIG. 9

212
↓

TARGET IP	ROUTER IP	INTERFACE	
192.168.4.*	192.168.1.2	3	← 902
192.168.5.*	192.168.2.2	3	← 903
192.168.6.*	192.168.3.2	3	← 904
192.168.7.*	192.168.3.2	4	← 905

↑ ↑ ↑

911 912 913

FIG. 10

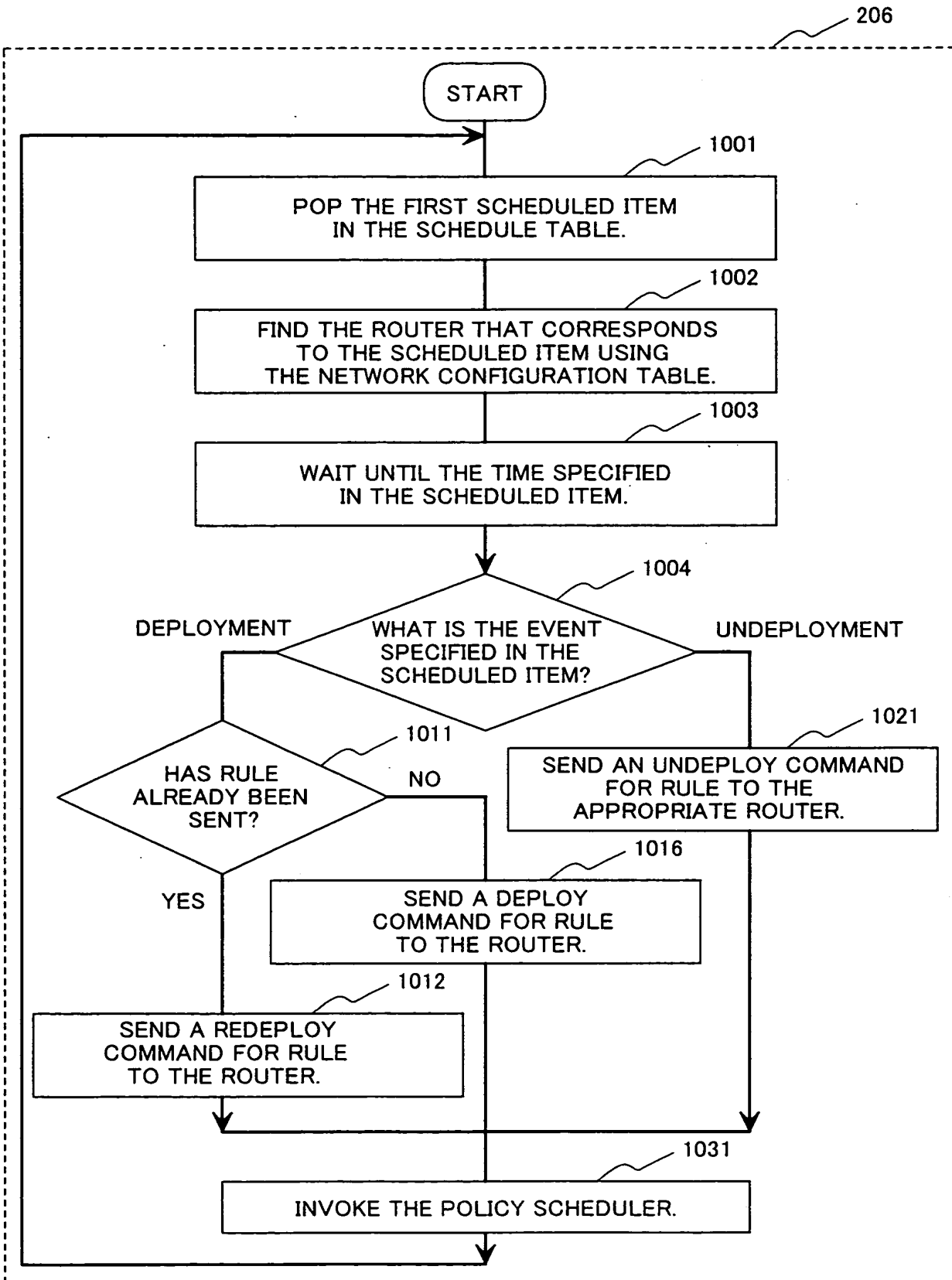


FIG. 11

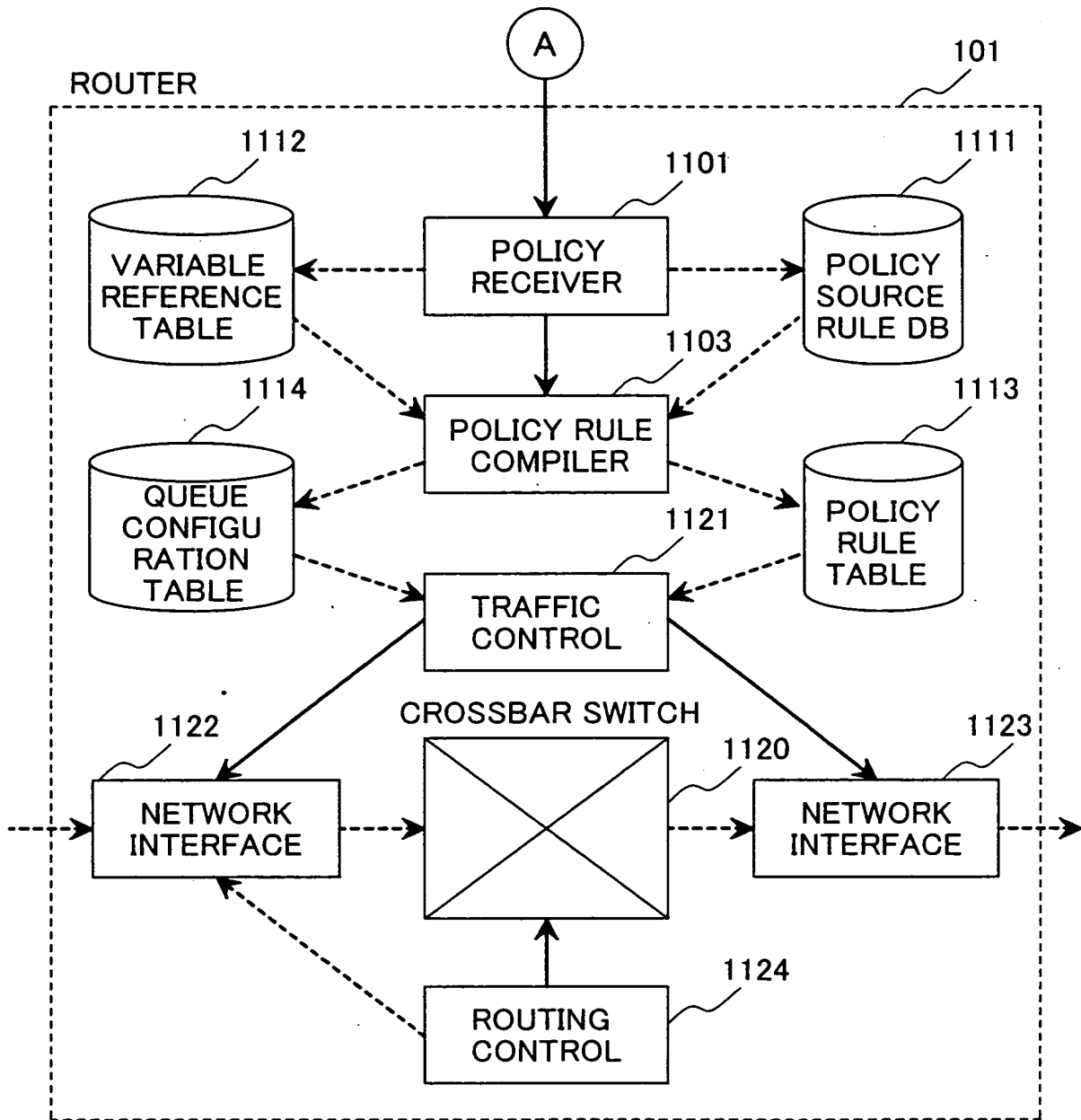


FIG. 12

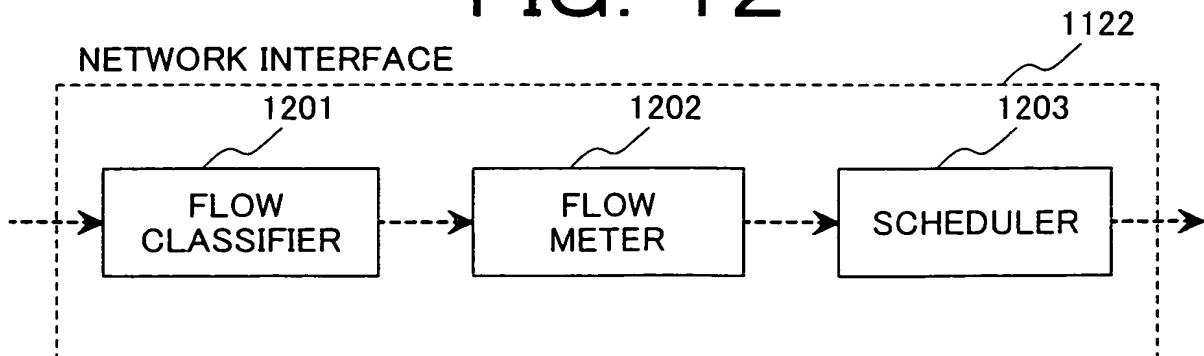


FIG. 14A

1401
↓

VARIABLE
DEFINITION
TABLE

1	#1	← 1411
2	#2	← 1412
3	#3	← 1413

1421 1422
↓ ↓

VARIABLE
DEFINITION
TABLE

1	#2	#3	← 1431
2	#4		← 1432
3	#5		← 1433

FIG. 14B

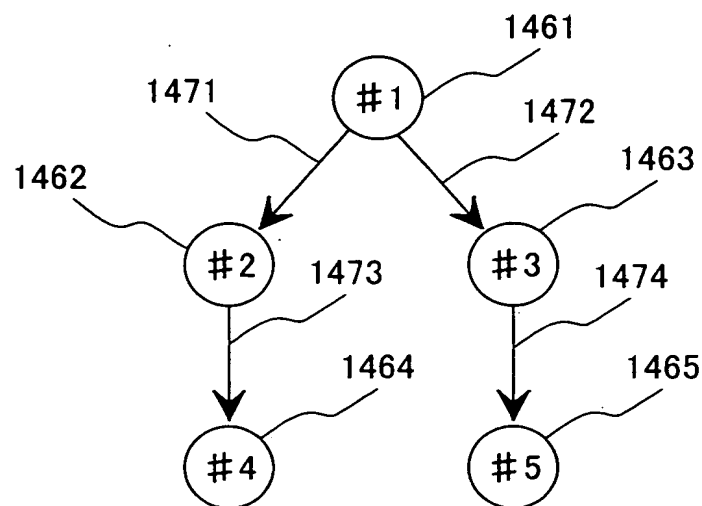


FIG. 15

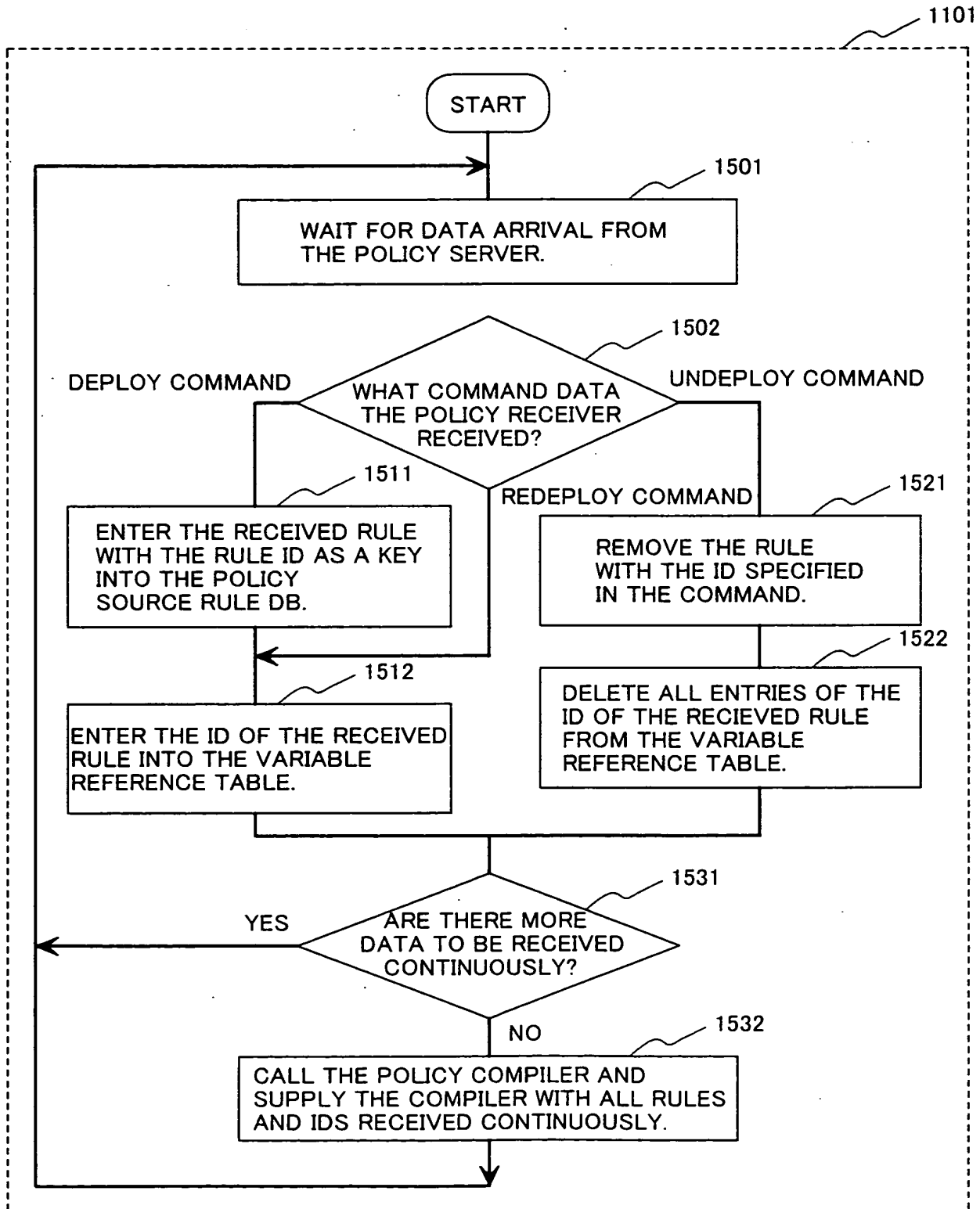


FIG. 16

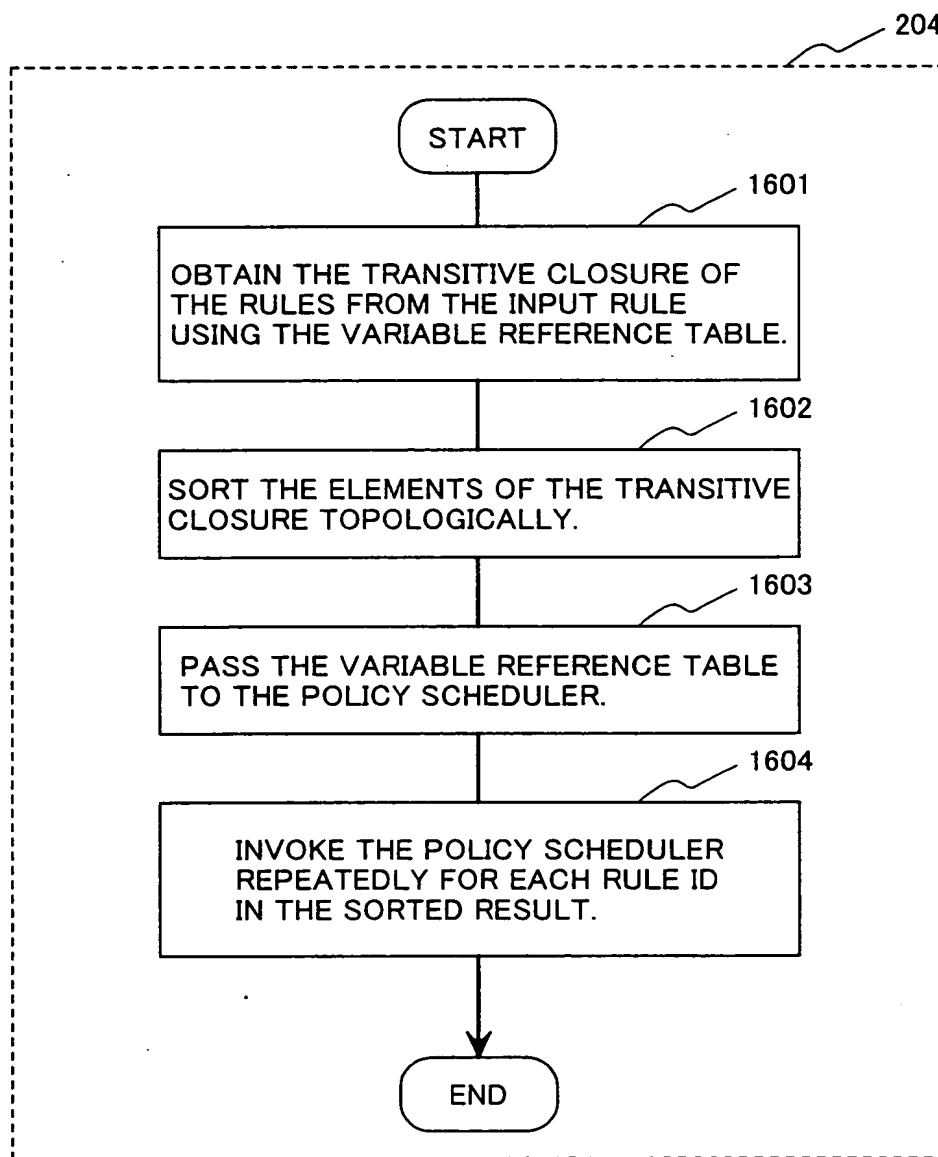


FIG. 19

1103

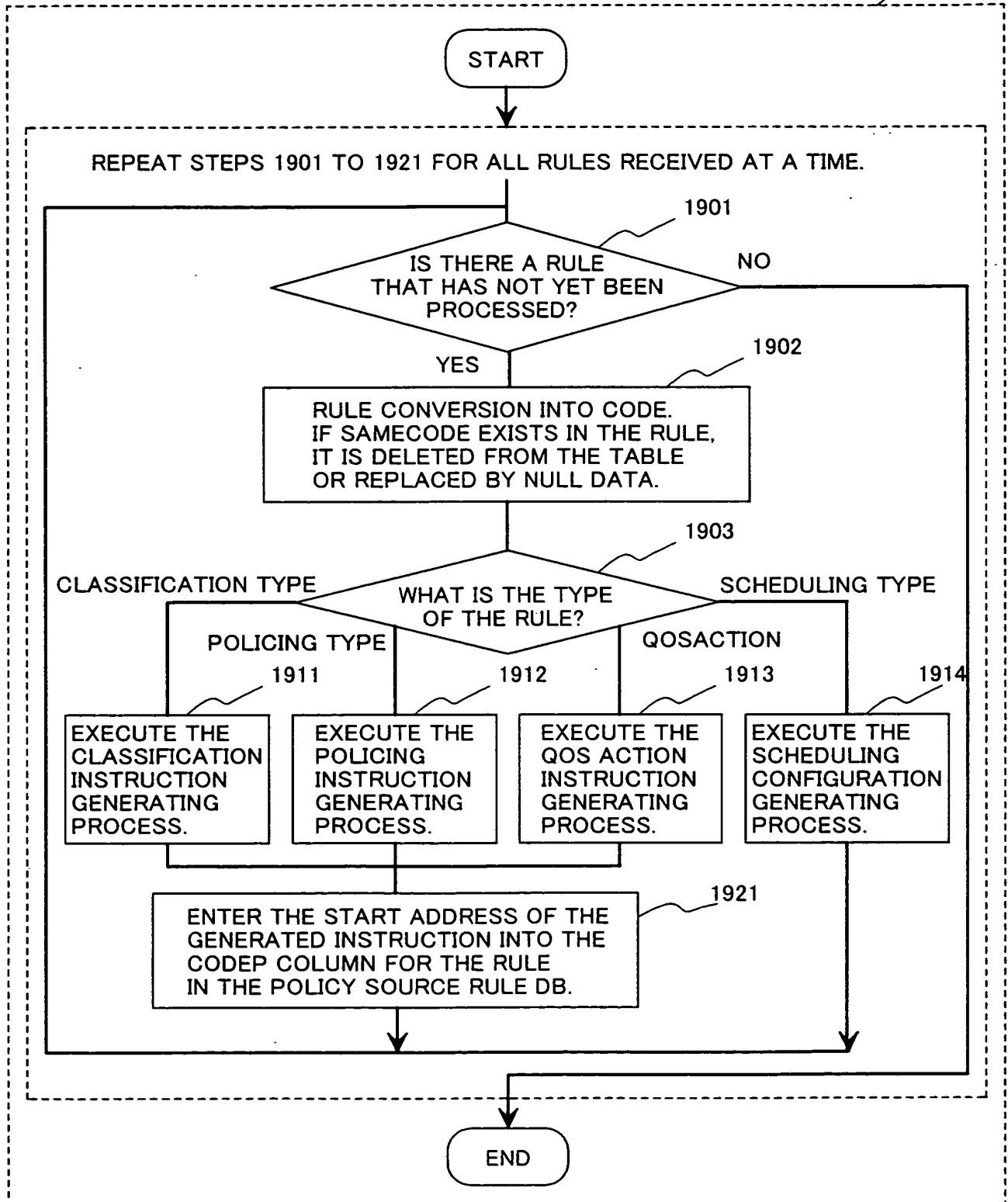


FIG. 20

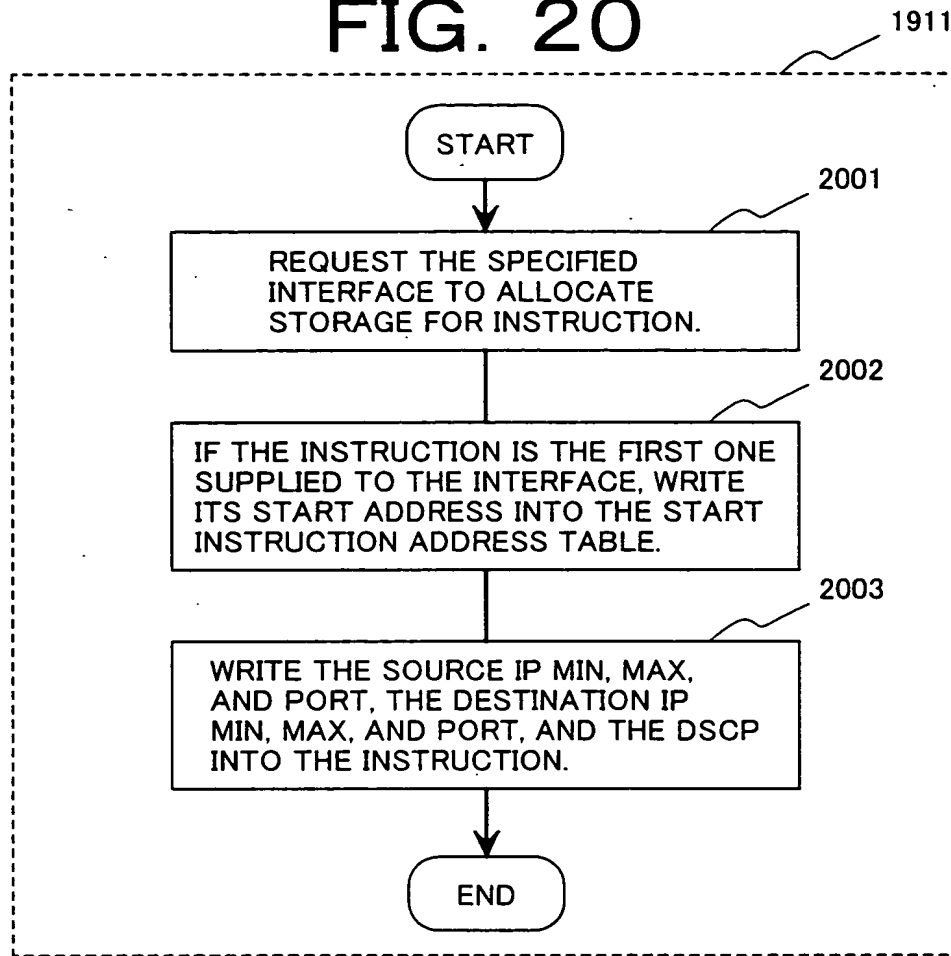


FIG. 21

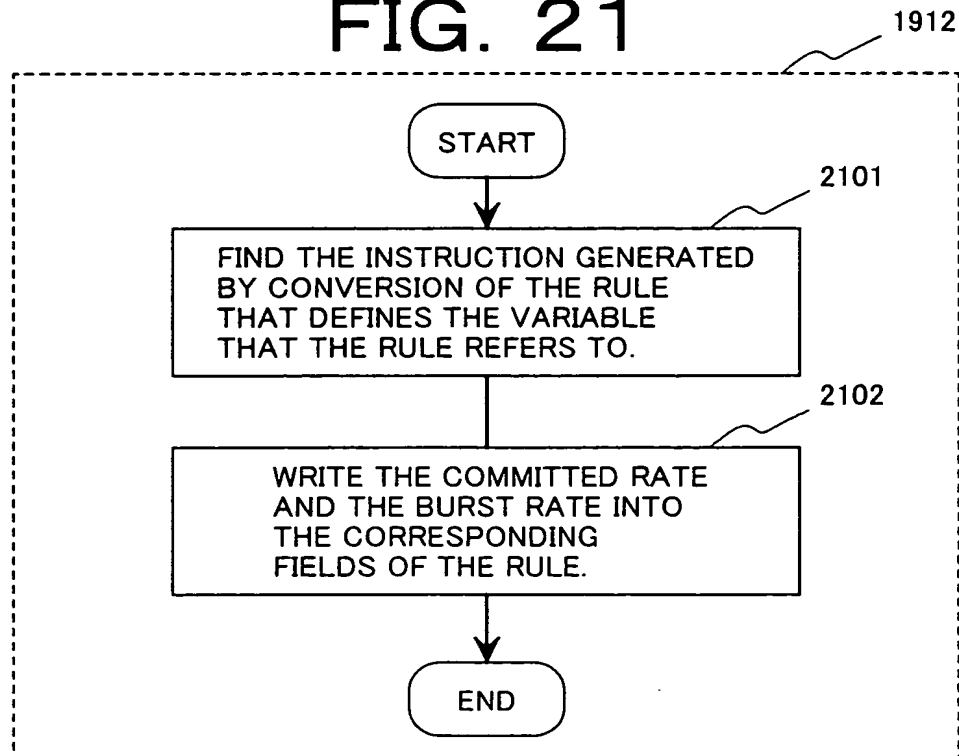


FIG. 22

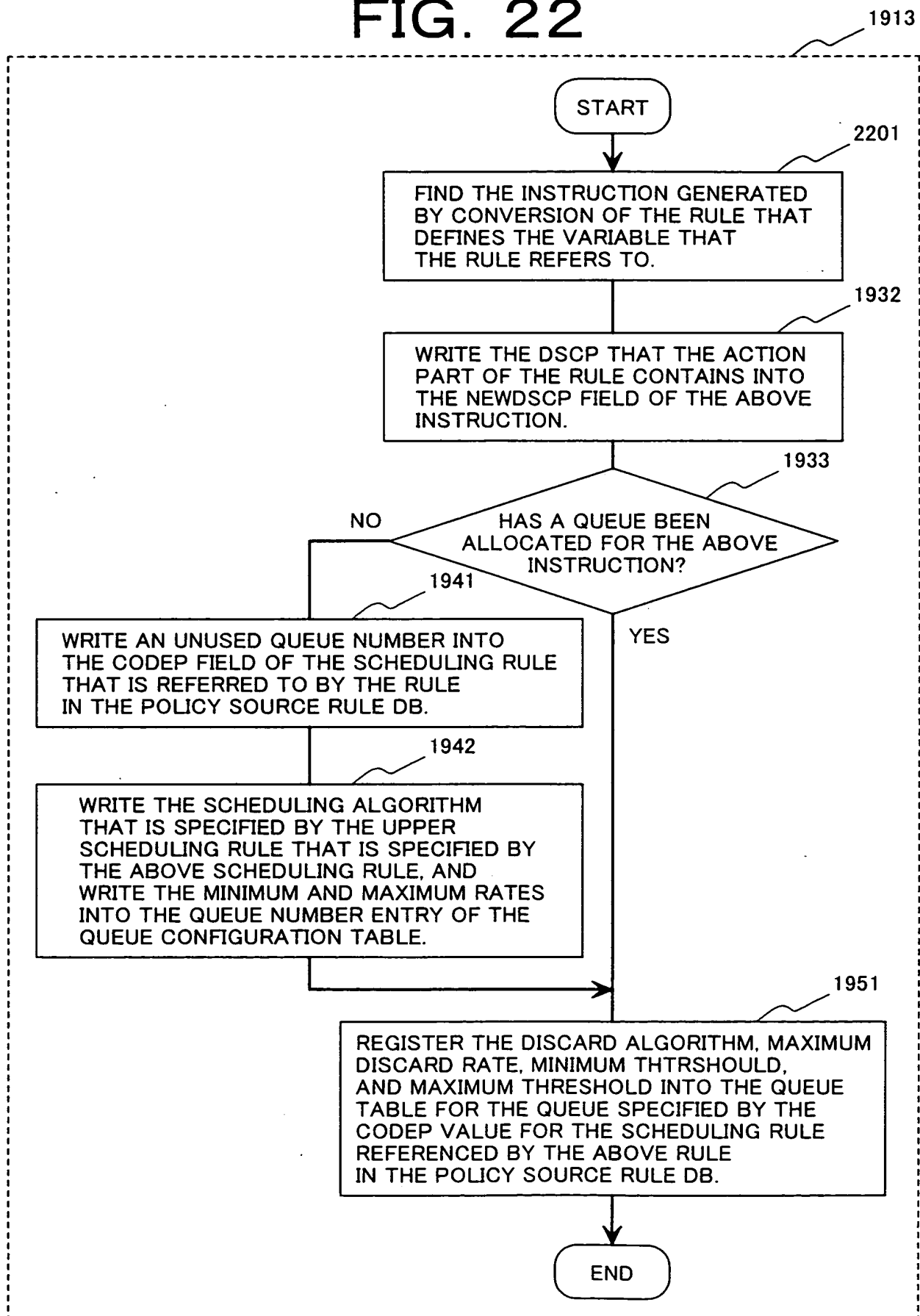


FIG. 23

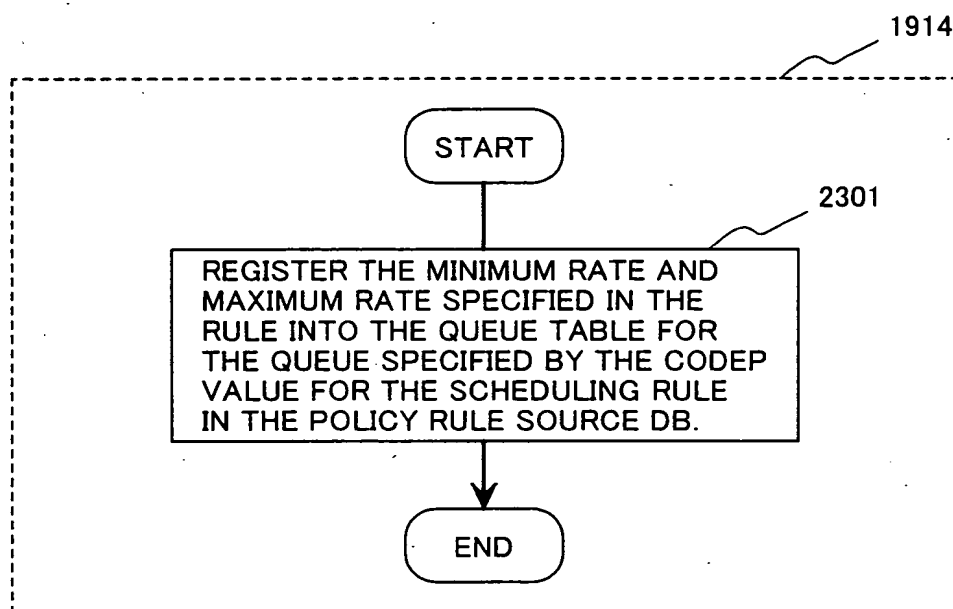


FIG. 24

	2401		2402	2403	2404	
		↓	↓	↓		
OP, RULEID, INTERFACE		DEPLOY	#1	3		
CONDITIONLENGTH		32			←	2412
PROTOCOL		TCP			←	2413
SOURCEIPMIN		192.168.4.1			←	2414
SOURCEIPMAX		192.168.4.1			←	2415
SOURCEPORT		NULL			←	2416
DESTINATIONIPMIN		NULL			←	2417
DESTINATIONIPMAX		NULL			←	2418
DESTINATIONPORT		NULL			←	2419
DSCP		NULL			←	2420
ACTIONLENGTH		12			←	2421
NEWLABEL		1			←	2422
COMMITTEDRATE		1000			←	2423
BURSTRATE		NULL			←	2424

	2431		2432	2433	2434	
		↓	↓	↓		
OP, RULEID, INTERFACE		REDEPLOY	#1	3		

	2441		2442	2443	2444	
		↓	↓	↓		
OP, RULEID, INTERFACE		UNDEPLOY	#1	3		

FIG. 25A

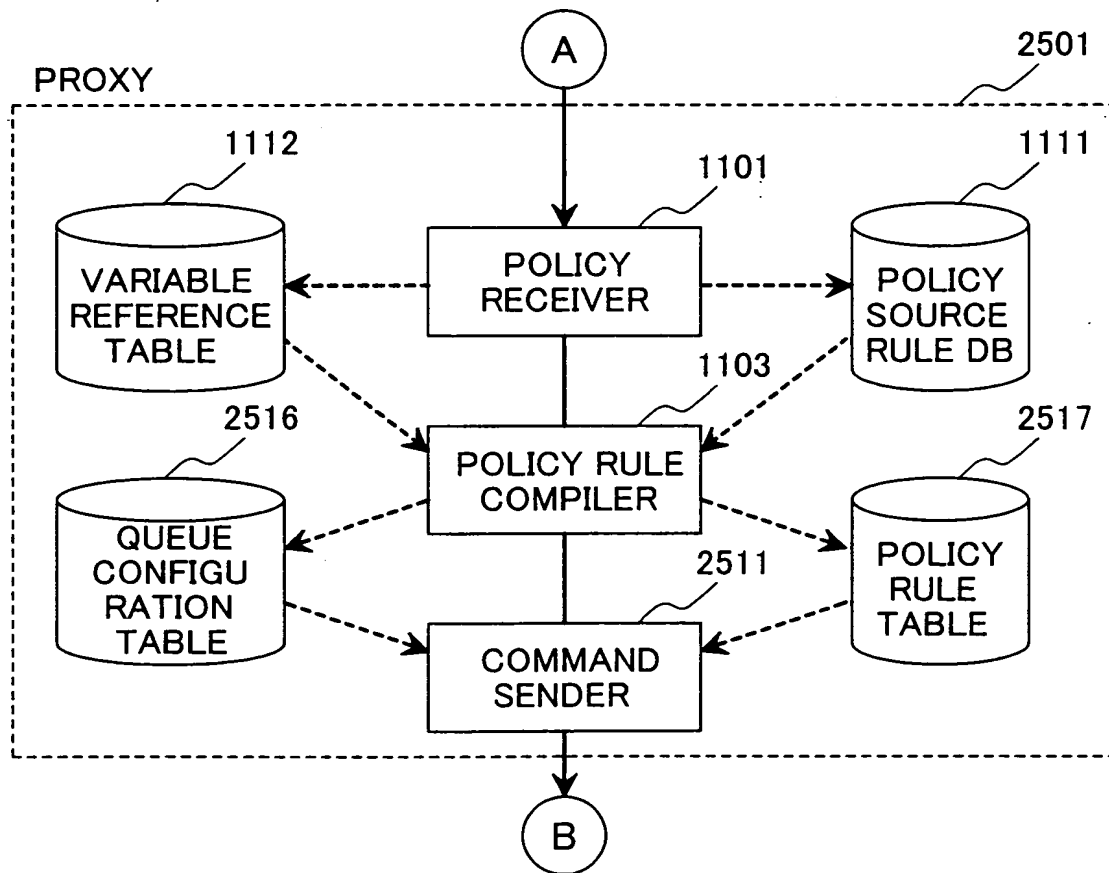


FIG. 25B

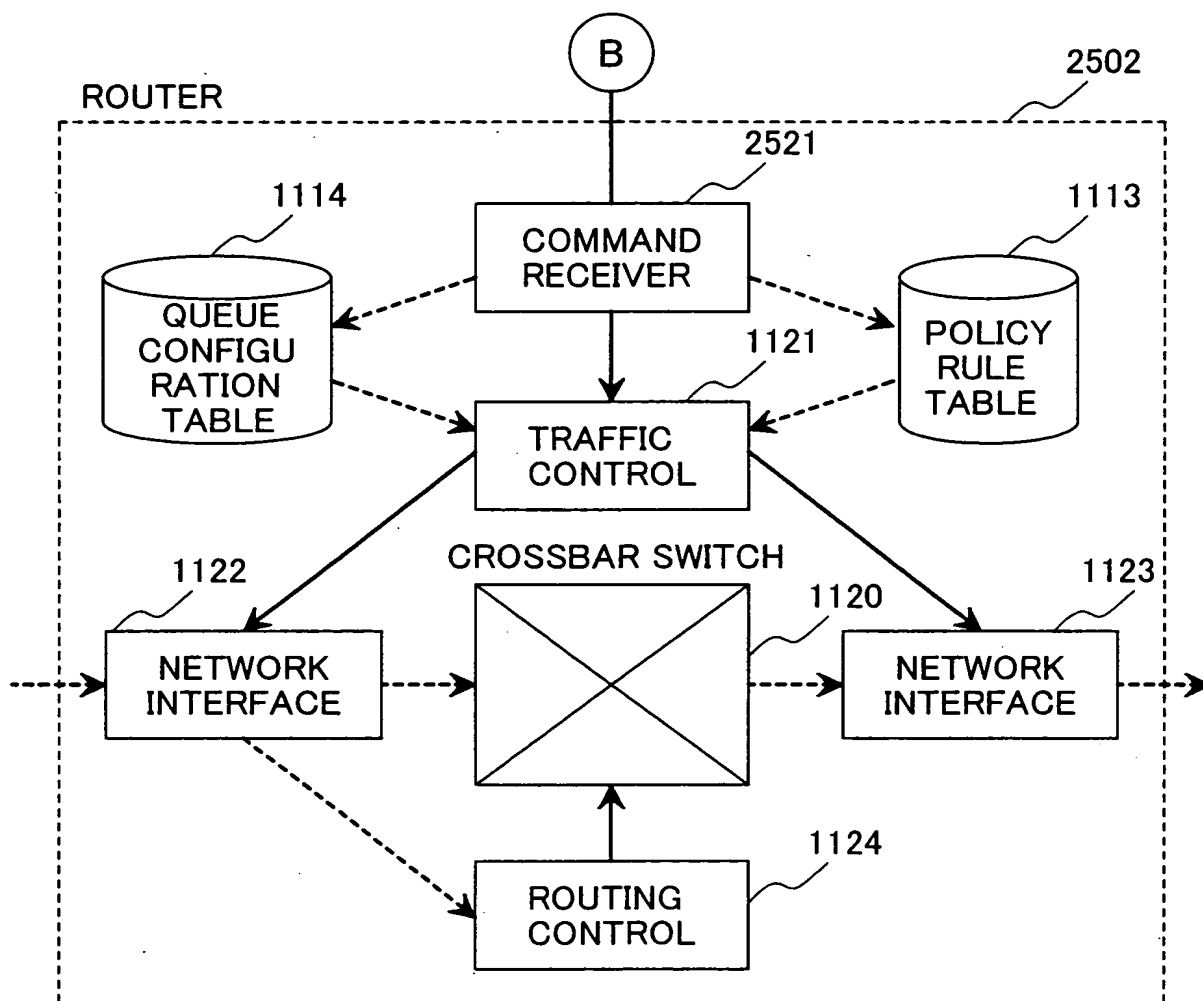


FIG. 26

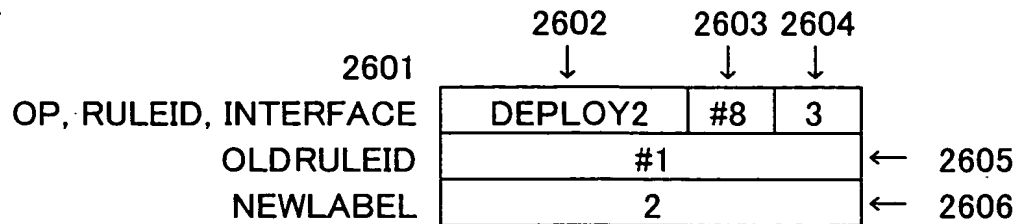


FIG. 27

